Author Index

Aebischer, F., Schlegel-Haueter, S.E., Glucocorticoids modulate the induction of BLTE/granzyme A activity in the murine T cell hybridoma PC60 (23) 181

Assogna, G., see Cazzola, M. (23) 21

Badger, A.M., see Thiem, P.A. (23) 67

Bagasra, O., Forman, L.J., Howeedy, A., Whittle, P., A potential vaccine for cocaine abuse prophylaxis (23) 173

Baricordi, O.R., see Caselli, E. (23) 205

Bartlett, R.R., see Glant, T.T. (23) 105

Bator, J.M., Weitzberg, M., Burch, R.M., N-[9H-(2,7-Dimethyl-fluorenyl-9-methoxy)carbonyl]-L-leucine, NPC 15669, prevents neutrophil adherence to endothelium and inhibits CD11b/CD18 upregulation (23) 139

Bayer, B.M., Gastonguay, M.R., Hernandez, M.C., Distinction between the in vitro and in vivo inhibitory effects of morphine on lymphocyte proliferation based on agonist sensitivity and naltrexone reversibility (23) 117

Bellini, F., see Caselli, E. (23) 205

Bloksma, N., see Van der Wiel, P.A. (23) 49

Brophy, L., see Uhl, J. (23) 131

Bruni, A., see Caselli, E. (23) 205

Bugelski, P.J., see Thiem, P.A. (23) 67

Burch, R.M., see Bator, J.M. (23) 139

Caroleo, M.C., Frasca, D., Nisticó, G., Doria, G., Melatonin as immunomodulator in immunodeficient mice (23) 81

Caselli, E., Baricordi, O.R., Melchiorri, L., Bellini, F., Ponzin, D., Bruni, A., Inhibition of DNA synthesis in peripheral blood mononuclear cells treated with phosphatidylserines containing unsaturated acyl chains (23) 205

Cazzola, M., Matera, M.G., Santangelo, G., Assogna, G., D'Amato, G., Rossi, F., Girbino, G., Effect of the selective 5-HT_2 antagonist ketanserin on adenosine-induced bronchoconstriction in asthmatic subjects (23) 21

Cochran, F.R., Finch-Arietta, M.B., Interleukin-6 can prime THP-1 macrophages for enhanced production of tumor necrosis factor-α in response to LPS (23) 97

D'Amato, G., see Cazzola, M. (23) 21

De Koster, B.M., see Elferink, J.G.R. (23) 91

De Castro, S., see Pérez-Castrillón, J.-L. (23) 57

Deák, F., see Glant, T.T. (23) 105

Doria, G., see Caroleo, M.C. (23) 81

Elferink, J.G.R., De Koster, B.M., Tiopronin (2-mercaptopropionylglycine) has chemokinetic and chemotactic properties for polymorphonuclear leukocytes (23) 91

Faunce, D., see Uhl, J. (23) 131

Finch-Arietta, M.B., see Cochran, F.R. (23) 97

Forman, L.J., see Bagasra, O. (23) 173

Frasca, D., see Caroleo, M.C. (23) 81

Fujita, K., see Nakanishi, H. (23) 75

Fujiwara, Y., see Izushi, K. (23) 153

García-Palomo, J.-D., see Pérez-Castrillón, J.-L. (23) 57

Gastonguay, M.R., see Bayer, B.M. (23) 117

Girbino, G., see Cazzola, M. (23) 21

Glant, T.T., Mikecz, K., Bartlett, R.R., Deák, F., Thonar, E.J.-M.A., Williams, J.M., Mattar, T., Kuettner, K.E., Schleyerbach, R., Immunomodulation of proteoglycan-induced progressive polyarthritis by leflunomide (23) 105

Goto, S., see Ino, K. (23) 163

Gross, G.J., see Pieper, G.M. (23) 191

Hata, K., see Matsunaga, K. (23) 199

Hernandez, M.C., see Bayer, B.M. (23) 117

Horii, Y., see Nakanishi, H. (23) 75

Howeedy, A., see Bagasra, O. (23) 173

Ino, K., Isobe, K.-i., Goto, S., Nakashima, I., Tomoda, Y., Inhibitory effect of bestatin on the growth of human lymphocytes (23) 163

Isobe, K.-i., see Ino, K. (23) 163

Izushi, K., Fujiwara, Y., Tasaka, K., Identification of vimentin in rat peritoneal mast cells and its phosphorylation in association with histamine release (23) 153

Jiménez-López, A., see Pérez-Castrillón, J.-L. (23) 57

Jung, S., see Schluesener, H.J. (23) 37

Kancheva, L.S., see Nikolova, D.B. (23) 15

Kaplan, J.M., see Thiem, P.A. (23) 67

Kasahara, K., see Kasama, T. (23) 3

Kasama, T., Kobayashi, K., Yamagata, N., Matsuda, T., Kasahara, K., Takahashi, T., Suppression of pulmonary hypersensitivity granulomas in mice by superoxide dismutase (23) 3

Kobayashi, K., see Kasama, T. (23) 3

Koeppel, C., see Schluesener, H.J. (23) 37

Kuettner, K.E., see Glant, T.T. (23) 105

Martinova, Y.S., see Nikolova, D.B. (23) 15

Mashiba, H., see Matsunaga, K. (23) 199

Matera, M.G., see Cazzola, M. (23) 21

Matsuda, T., see Kasama, T. (23) 3

Matsunaga, K., Mashiba, H., Seo, Y., Wada, S., Hata, K., Augmentation of the radiation-induced antiproliferative effect in combined use of a derivative of nitrosourea, ACNU, with recombinant human tumor necrosis factor (23) 199

Mattar, T., see Glant, T.T. (23) 105

Melchiorri, L., see Caselli, E. (23) 205
Mikecz, K., see Glant, T.T. (23) 105
Nakanishi, H., Horii, Y., Fujita, K., Effect of testosterone on the eosinophil response of C57BL/6 mice to infection with *Brugia pahangi* (23) 75
Nakashima, I., see Ino, K. (23) 163
Nikolova, D.B., Kancheva, L.S., Surneva, M.D., Martinova, Y.S., Species-specific effect of proteins secreted by cultured pre-pubertal rat Sertoli cells on natural killer cell activity (23) 15
Nisticó, G., see Caroleo, M.C. (23) 81
Pérez-Arellano, J.-L., see Pérez-Castrillón, J.-L. (23) 57
Pérez-Castrillón, J.-L., Pérez-Arellano, J.-L., García-Palomo, J.-D., Jiménez-López, A., De Castro, S., Opioids depress in vitro human monocyte chemotaxis (23) 57
Pieper, G.M., Gross, G.J., EMD 52692 (bimakalim), a new potassium channel opener, attenuates luminol-enhanced chemiluminescence and superoxide anion radical formation by zymosan-activated polymorphonuclear leukocytes (23) 191
Pons, H.A., Soyano, A., Romano, E., Interaction of iron polymers with blood mononuclear cells and its detection with the Prussian Blue reaction (23) 29
Ponzin, D., see Caselli, E. (23) 205
Romano, E., see Pons, H.A. (23) 29
Rossi, F., see Cazzola, M. (23) 21
Ruggieri, E.V., see Thiem, P.A. (23) 67
Santangelo, G., see Cazzola, M. (23) 21
Sawutz, D.G., see Uhl, J. (23) 131
Schlegel-Haueter, S.E., see Aebischer, F. (23) 181
Schleyerbach, R., see Glant, T.T. (23) 105
Schluesener, H.J., Koeppel, C., Jung, S., Multidrug transport in human autoimmune T line cells and peripheral blood lymphocytes (23) 37
Seo, Y., see Matsunaga, K. (23) 199
Singh, S., see Uhl, J. (23) 131
Snyman, J.R., Sommers, D.K., Levamisole augments roxatidine's immune modulatory effects in the graft-versus-host reaction (GVHR) (23) 125
Sommers, D.K., see Snyman, J.R. (23) 125
Soyano, A., see Pons, H.A. (23) 29
Surneva, M.D., see Nikolova, D.B. (23) 15
Takahashi, T., see Kasama, T. (23) 3
Tasaka, K., see Izushi, K. (23) 153
Thiem, P.A., Kaplan, J.M., Bugelski, P.J., Ruggieri, E.V., Badger, A.M., Introduction of suppressor cell activity in vivo and suppression of lymphoproliferative responses in vitro by SK&F 105 685 in the dog (23) 67
Thonar, E.J.-M.A., see Glant, T.T. (23) 105
Tomoda, Y., see Ino, K. (23) 163
Uhl, J., Singh, S., Brophy, L., Faunce, D., Sawutz, D.G., Role of bradykinin in inflammatory arthritis: identification and functional analysis of bradykinin receptors on human synovial fibroblasts (23) 131
Van der Pijl, A., see Van der Wiel, P.A. (23) 49
Van der Wiel, P.A., Weitenberg, E.S., Van der Pijl, A., Bloksma, N., Factors that define the susceptibility of endothelial cells to tumor necrosis factor and lipid A (23) 49
Wada, S., see Matsunaga, K. (23) 199
Weitenberg, E.S., see Van der Wiel, P.A. (23) 49
Weitzberg, M., see Bator, J.M. (23) 139
Whittle, P., see Bagasra, O. (23) 173
Williams, J.M., see Glant, T.T. (23) 105
Yamagata, N., see Kasama, T. (23) 3

Subject Index

Adenosine-induced bronchoconstriction (23) 21
Adherence (23) 139
Antibody (23) 81
Arthritis (23) 67, (23) 105
Autoantibody (23) 105
Autoimmune (23) 105
Autoimmunity (23) 37
Bestatin (23) 163
Blood (23) 117
Bradykinin receptor (23) 131
Bronchial asthma (23) 21
Brugia pahangi (23) 75
C57BL/6 mouse (23) 75
cAMP (23) 181
Canine (23) 67
Chemiluminescence (23) 191
Chemokinesis (23) 91
Chemotaxis (23) 91
Cocaine-carrier complex (23) 173
Concanavalin A (23) 117
Cultured pre-pubertal rat Sertoli cell (23) 15
Cyclosporine (23) 37
Cytoskeleton (23) 153
DNA synthesis (23) 205
Drug addiction (23) 173
Endothelial cell (23) 49
Eosinophilia (23) 75
Filaria (23) 75
Glucocorticoid (23) 181
Glyburide (glibenclamide) (23) 191
Graft-versus-host reaction (23) 125
Granuloma (23) 3
Granzyme (23) 181
Heroin (23) 57
Histamine release (23) 153
5-HT_2 receptor (23) 21
Human lymphocyte (23) 29
HWA 486 (23) 105
IL-2 (23) 81
Immune function (23) 67
Immunization (23) 173
Immunodeficiency (23) 81
Immunomodulation (23) 105
Immunoregulation (23) 67
Immunosuppressive chemotherapy (23) 37
Immunosuppressor (23) 163
Inflammation (23) 105, (23) 139
Integrin (23) 139
Interleukin-1 (23) 181
Interleukin-2 receptor (23) 205
Interleukin-6 (23) 97
Intravenous drug abuser (23) 57
Iron inhibition (23) 29
Iron polymers (23) 29
Ketanserin (23) 21
Leflunomide (23) 105
Levamisole (23) 125
Lipid A (23) 49
Lipocortin (23) 181
Liposome (23) 205
Lymphocyte (23) 67, (23) 117
Macrophage (23) 97
Mast cell (23) 153
Melatonin (23) 81
Meth A tumor cell (23) 199
Mitogen (23) 67, (23) 117
Monocyte chemotaxis (23) 57
Morphine (23) 57, (23) 117
Multidrug transport (23) 37
Naltrexone (23) 117
Neutrophil (23) 139, (23) 191
Nimustine hydrochloride (ACNU) (23) 199
NK cell activity (23) 15
Opioid (23) 57
Oxygen-derived free radical (23) 191
Peripheral blood mononuclear cell (PBMC) (23) 205
Phosphatidylinositol (23) 205
Phosphatidylserine (23) 205
Phosphorylation (23) 153
Polymorphonuclear leukocyte (23) 91
Potassium channel (23) 191
Proliferation (23) 117
Prophylaxis (23) 173
Prostaglandin E_2 (23) 131
Protein kinase C (23) 153
Proteoglycan (23) 105
Prussian Blue reaction (23) 29
Radiosensitizing effect (23) 199
Rheumatoid arthritis (23) 131
Roxatidine (23) 125

Secreted protein (23) 15
Sex difference (23) 75
Spirocompound (23) 67
Spleen (23) 117
Superoxide anion (23) 191
Superoxide dismutase (23) 3
Suppression (23) 3
Synovial fibroblast (23) 131
T cell (23) 81
T cell hybridoma (23) 181
T cell proliferation (23) 163
T lymphocyte (23) 37
Testosterone (23) 75
Therapy (23) 139
[3H]Thymidine incorporation (23) 163
Tiopronin (23) 91
Tumor necrosis factor (23) 49, (23) 199
Tumor necrosis factor-α (23) 97
Vimentin (23) 153